## WHAT IS CLAIMED IS:

- 1. A filter having a filter portion, comprising:
- a plurality of bag-like members formed in a container shape having an opening and disposed with intervals therebetween in the filter portion; and
- a supporting member which supports a periphery of the opening of the baglike members and interconnects each of the bag-like members.
- 2. The filter according to claim 1, wherein the bag-like members are formed such that a centerline thereof is orthogonal to the opening and a section parallel to the opening is circular or polygonal in shape.
- 3. The filter according to claim 1, wherein the supporting member has, on a plane surface of the supporting member, a plurality of straight portions that traverse the supporting member without interfering with any of the bag-like members with each straight portion intersecting with the other straight portions in at least one place each.
- 4. The filter according to claim 1, wherein the bag-like members are formed such that a center line thereof is orthogonal to the opening and a section parallel to the opening is circular or polygonal in shape and the supporting member has, on a plane surface of the supporting member, a plurality of straight portions that traverse the supporting member without interfering with any of the bag-like members with each straight portion intersecting with the other straight portions in at least one place each.
- 5. The filter according to claim 1, wherein a through-hole is formed in the supporting member at a location where the bag-like members are connected.
- 6. The filter according to claim 5, wherein the bag-like members are connected to the through-hole of the supporting member.
- 7. The filter according to claim 1, wherein the periphery of the supporting member is used as a flange portion and a portion other than the periphery of the supporting member is used as the filter portion.
- 8. The filter according to claim 1, wherein the bag-like members are made of non-woven fabric.
- 9. The filter according to claim 1, wherein the bag-like members are in a tapered cylindrical shape.
- 10. The filter according to claim 1, wherein a tip of the bag-like members are covered with a disk-cap.
  - 11. A filter having a filter portion, comprising: a flat plate member; and

a plurality of bag-like members connected to the flat plate member, wherein each of the plurality of bag-like members have an opening disposed with intervals therebetween, with the flat plate member supporting a periphery of the opening of the bag-like members and interconnecting each of the bag-like members.

- 12. The filter according to claim 11, wherein the bag-like members are formed such that a center line thereof is orthogonal to the opening and a section parallel to the opening is circular or polygonal in shape.
- 13. The filter according to claim 11, wherein the flat plate member has, on a plane surface of the flat plate member, a plurality of straight portions that traverse the flat plate member without interfering with any of the bag-like members with each straight portion intersecting with the other straight portions in at least one place each.
- 14. The filter according to claim 11, wherein the bag-like members are formed such that a center line thereof is orthogonal to the opening and a section parallel to the opening is circular or polygonal in shape and the flat plate member has, on a plane surface of the flat plate member, a plurality of straight portions that traverse the flat plate member without interfering with any of the bag-like members with each straight portion intersecting with the other straight portions in at least one place each.
- 15. A manufacturing method of a filter having a filter portion with a plurality of bag-like members formed in a container shape having an opening that is disposed with intervals therebetween in the filter portion and a supporting member which supports a periphery of the opening of the bag-like members and connects each of the bag-like members, comprising:

preparing a forming die provided with a forming surface which is formed in a shape corresponding to that of one side of the filter; and

laminating fibers over the forming surface of the forming die.

- 16. The method according to claim 15, wherein the forming die is made of permeable meshed metal.
- 17. The method according to claim 15, wherein the fibers are semi-molten when laminated over the forming surface of the die.
- 18. The method according to claim 15, further comprising moving the forming die at a constant speed with respect to a nozzle during the laminating step.
- 19. The method according to claim 15, wherein the fibers are laminated using a melt-blow method.

20. The method according to claim 15, wherein the fibers are laminated at a constant thickness over the forming die.